

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF INTERSECTION LIGHTING TO THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 3 BUSINESS AND GREEN BRANCH LANE IN ANNE ARUNDEL COUNTY, MARYLAND. MD 3 BUSINESS IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION OPERATION WILL REMAIN THE SAME.

CONTROLLER REQUIREMENTS

THE EXISTING BASE CABINET AND CONTROLLER WILL BE USED.

MAINTENANCE OF TRAFFIC

THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT. ADDITIONAL TRAFFIC CONTROL STANDARDS MAY BE USED AS DIRECTED BY THE ENGINEER.

STANDARD NO. MD-104.04-01 (SHOULDER WORK)

STANDARD NO. MD-104.04-05 (RIGHT LANE CLOSURE)

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MS. KIMBERLY TRAN
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (410) 841-1019

MR. JOHN S. MAYS
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 841-1013

MR. MIKE HUBER
DISTRICT UTILITY ENGINEER
PHONE: (301) 624-8115

MR. RICHARD L. DAFF, SR.
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

EQUIPMENT LIST "A"

NO EQUIPMENT TO BE SUPPLIED BY THE SHA

EQUIPMENT LIST "C"

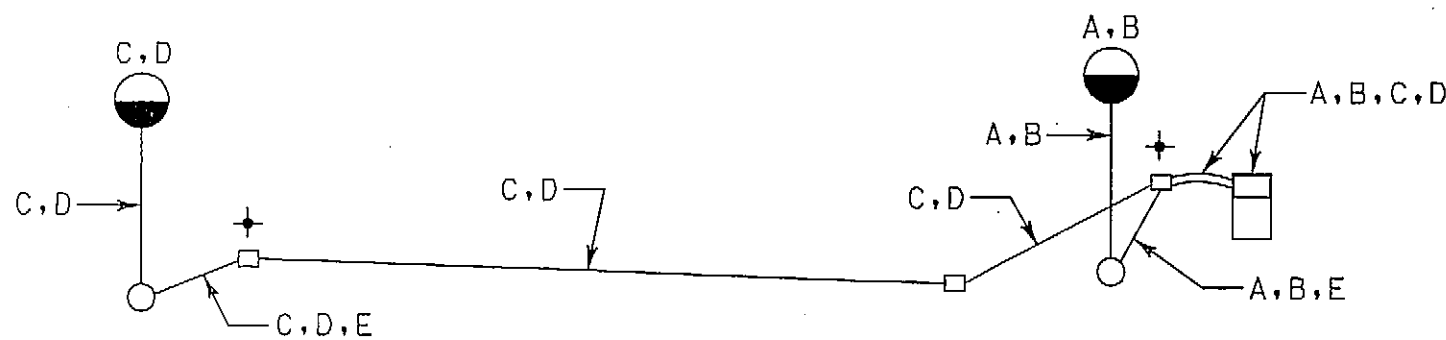
NO EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
2001	1 C.Y.	TEST PIT EXCAVATION
8001	5 C.Y.	CONCRETE FOR TRAFFIC CONTROL DEVICES
8007	1 EACH	REMOVE AND RELOCATE EXISTING LIGHT
8014	20 L.F.	NO. 6 A.W.G. STRANDED BARE COPPER GROUND WIRE
8019	20 L.F.	3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8026	2 EACH	40 FOOT LIGHT STRUCTURE - 15 FT. BRACKET ARM
8030	2 EACH	250 WATT HIGH PRESSURE SODIUM LAMP AND LUMINAIRE
8035	605 L.F.	CABLE - 1 CONDUCTOR, NO. 10 AWG, TYPE THWN/THHN, USE 600V
8040	2 EACH	GROUND ROD - 3/4 INCH DIAMETER x 10 FOOT LENGTH

WIRING DIAGRAM



WIRING KEY

- A
B
C
D } 1-CONDUCTOR ELECTRICAL
CABLE (NO. 10 A.W.G.)
- E } STRANDED BARE COPPER
GROUND WIRE (NO. 6 A.W.G.)
- + - 3/4 IN. X 10 FT. GROUND ROD

PHASE CHART

THE INTERSECTION OPERATION WILL REMAIN THE SAME.

TOD NO:XX415-02
SHA NO:AA267A53/B53
MD 3 Bus. GREEN BRANCH LA.WAL
ENT.



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 3 Business and Green Branch Lane/
Walmart Entrance

GENERAL INFORMATION SHEET

SCALE	NONE	ADVERTISED DATE	5/08/2009	CONTRACT NO.	XX4155185
DESIGNED BY	S. Bloss	COUNTY	Anne Arundel		
DRAWN BY	S. Bloss	LOGMILE	02B00300.33		
CHECKED BY	N. Leary	TIMS NO.	J516		
F.A.P. NO.		TOD NO.			
TS NO.	3383E	DRAWING	TSP-2	OF 2	SHEET NO. 2 OF 2



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